Interna at Application No PCT/EP2004/053544

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D471/04 A61K31/4184

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ CO7D \ A61K$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/47603 A (ASTRA AKTIEBOLAG; AMIN, KOSRAT; DAHLSTROEM, MIKAEL; NORDBERG, PETER; S) 18 December 1997 (1997-12-18) cited in the application the whole document	1-10
Y	HO 02/34749 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH; BUHR, WILM; KOHL, BERNHARD;) 2 May 2002 (2002-05-02) the whole document	1-10
Y	HO 01/72756 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH; SENN-BILFINGER, JOERG; BUHR,) 4 October 2001 (2001-10-04) the whole document	1-10

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the International filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual comptetion of the international search 25 April 2005	Date of mailing of the international search report 03/05/2005
25 April 2005	03/03/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer
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Internal al Application No
PCT/EP2004/053544

		PCT/EP2004/053544
C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Helevani to Ctairii 140.
1	WO 00/63211 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH; SENN-BILFINGER, JOERG) 26 October 2000 (2000-10-26) the whole document	1-10
Y	WO 98/42707 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH; SENN-BILFINGER, JOERG; GRUND) 1 October 1998 (1998-10-01) the whole document	1-10
A	KAMINSKI J J ET AL: "ANTIULCER AGENTS. 5. INHIBITION OF GASTRIC H+/K+-ATPASE BY SUBSITUTED IMIDAZOL1,2-A PYRIDINES AND RELATED ANALOGUES AND ITS IMPLICATION IN MODELING THE HIGH AFFINITY POTASSIUM ION BINDING SITE OF THE GASTRIC PROTON PUMP ENZYME" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 34, 1991, pages 533-541, XP000919185 ISSN: 0022-2623 the whole document	1-10
A	KAMINSKI J J ET AL: "ANTIULCER AGENTS CONFORMATIONAL CONSIDERATIONS AND THE ANTIULCER ACTIVITY OF SUBSTITUTED IMIDAZOÚ1,2-A PYRIDINES AND RELATED ANALOGUES" January 1989 (1989-01), JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, PAGE(S) 1686-1700 , XP002008622 ISSN: 0022-2623 the whole document	1-10

information on patent family members

Internal Pal Application No
PCT/EP2004/053544

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9747603	A	18-12-1997	AT	227273 T	15-11-2002
			ΑU	712173 B2	28-10-1999
			AU	3199297 A	07-01-1998
			BR	9709666 A	09-05-2000
			CA	2256687 A1	18-12-1997
			CN	1226236 A ,C	18-08-1999
			CZ	9804039 A3´	12-05-1999
			DE	69716904 D1	12-12-2002
			DE	69716904 T2	24-07-2003
			DK	906288 T3	06-01-2003
			EE	9800430 A	15-06-1999
			ΕP	0906288 A1	07-04-1999
			ES	2184097 T3	01-04-2003
			HK	1017351 A1	21-02-2003
			HU	0002952 A2	28-05-2001
			ID	18431 A	09-04-1998
			JΡ	2000512291 T	19-09-2000
			KR	2000016484 A	25-03-2000
			NO	985764 A	09-12-1998
			NZ	332965 A	26-05-2000
			PL	330525 A1	24-05-1999
			ΡŢ	906288 T	28-02-2003
			RÜ	2184113 C2	27-06-2002
			WO	9747603 A1	18-12-1997
			SI	906288 T1	30-04-2003
			SK	165498 A3	11-06-1999
			TR	9802554 T2	22-03-1999
			ŤŴ	470742 B	01-01-2002
			ÜS	6465505 B1	15-10-2002
			ZA	9704681 A	25-08-1998
WO 0234749	Α	02-05-2002	AU	1056302 A	06-05-2002
	. •		BR	0114873 A	01-07-2003
			CA	2426616 A1	02-05-2002
			WO	0234749 A1	02-05-2002
-			EP	1332143 A1	06-08-2003
			HU	0302308 A2	28-11-2003
			JP	2004512338 T	22-04-2004
			NO.	20031830 A	24-04-2003
			NZ	525281 A	26-11-2004
			PL	360412 A1	06-09-2004
			SK	5072003 A3	11-09-2003
			US	2004106642 A1	03-06-2004
			ÜŠ	2004214852 A1	28-10-2004
			ZA	200302038 A	22-04-2004
WO 0172756	Α	04-10-2001	AU	6016601 A	08-10-2001
UI, E/ UU	• • • • • • • • • • • • • • • • • • • •	J, 10 2001	BR	0109483 A	10-06-2003
			CA	2404474 A1	04-10-2001
			CN	1426414 A	25-06-2003
			CZ	20023194 A3	15-01-2003
			WO	0172756 A1	04-10-2001
			EP	1313740 A1	28-05-2003
			HR	20020854 A2	31-12-2004
			HU	0302331 A2	29-12-2003
			JP	2003528878 T	30-09-2003
			MX	PA02009551 A	14-05-2004
			NO	20024662 A	27-09-2002
			INLI	/WW/MDD/ A	/ / TU3T/ UUL

Information on patent family members

Internal al Application No PCT/EP2004/053544

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0172756	A		NZ	520837	A	28-01-2005
			SK	13852002	A3	04-02-2003
			US	2003125327		03-07-2003
			US	2004198764		07-10-2004
			ZA		A	08-04-2004
WO 0063211	A	26-10-2000	AT	240956	 T	15-06-2003
	• •		AU	3966600		02-11-2000
			CA	2370231		26-10-2000
			DE		D1	26-06-2003
			DE	60002855		06-05-2004
			DK	1173439		08-09-2003
			WO	0063211		26-10-2000
			EP		A1	23-01-2002
			ES	2199810		01-03-2004
			JP	2002542248	T	10-12-2002
			PT	1173439	T	31-10-2003
			SI		T1	31-10-2003
			US	6503923		07-01-2003
WO 9842707	Α	01-10-1998	AT	265455	T	15-05-2004
			ΑU		B2	08-11-2001
			ΑÜ	7520898		20-10-1998
			BG	64157		27-02-2004
			BG	103696		30-06-2000
		•	BR		A	22-02-2000
			CA	2284747		01-10-1998
			CN	1251102		19-04-2000
			CN	1508136	Α	30-06-2004
			CZ	9903397		12-04-2000
			DE	69823493		03-06-2004
			DK	971922	T3	16-08-2004
			EA	2402	B1	25-04-2002
			EE	9900450	Α	17-04-2000
			WO	9842707		01-10-1998
			EΡ	0971922		19-01-2000
			ES	2219890		01-12-2004
			HR	980147		28-02-1999
			HU	0001555		28-11-2000
			ID	22718		09-12-1999
			JP	2001518098	T	09-10-2001
			NO	994584		23-11-1999
			NZ	337325		29-06-2001
			PL	335699		08-05-2000
			PT	971922		30-09-2004
			SI	971922		31-12-2004
			SK	129799		16-05-2000
			TR	9902257		21-12-1999
			TW	593320		21-06-2004
			US	6197783	B1	06-03-2001